CO₂ Mineralization for in situ Storage and ex situ Enhanced Metals Recovery





June Medford

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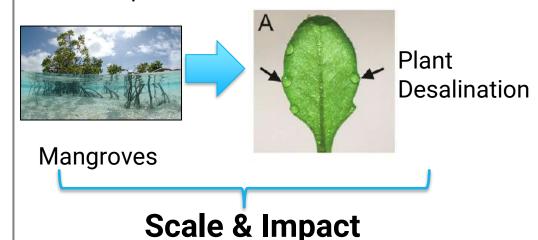
June Medford holds a PhD from Yale University and is a Professor in Colorado. She is a world leader in Plant Synthetic Biology. She pioneered technology where plants are empowered with computationally designed sensors, and digital-like controllers. Recently her team has developed technology enabling green plants to desalinate seawater and is currently funded by ARPA-E to scale this technology to capture carbon and provide relevant and impactful source of freshwater.

Technology or focus area

- Carbon Capture through Synthetic Biology
 - Carbon-negative self-powering platforms that enable production of freshwater

Ideas, Interests, Concepts to be Explored

Natural Biological Systems engineered for carbon capture and water production





^{*}Phytodetectors is transitioning to PlantMadeWorks